Annex 1. Tender Sheet

1. Procurer: Dekor tvornica rasvjete d.o.o., Ulica Ksavera Šandora Gjalskog 27/I, 49210 Zabok, Croatia

2. Object of Procurement (please circle the offered groups of procurement):

Group 1. 5-axis CNC sheet metal bending machine and employee training for using the 5-axis CNC sheet metal bending machine

Specifications of the machine:

- Bending power: 1300 kN or more
- Bending length: 3000 mm or more
- Minimum usable opening height: 520 mm or more
- Possibility of independent adjustment of Y1 and Y2 axis: ±10 mm
- Y incoming minimum speed: 200 mm/s or more
- Y operating speed: 20 mm/s or more
- Y return velocity: 200 mm/s or more
- X-axis positioning speed: 500 mm/s or more
- Speed of R1 and R2 axis 200 mm/s or more
- Z-axis speed 1200 mm/s or more
- Precision of positioning:
    - Y axis – maximum deviation 0,007 mm
    - X axis – maximum deviation 0,05 mm
    - R axis – maximum deviation 0,1 mm
- Y axis travel: 250 mm or more
- X axis travel: 600 mm or more
- R axis travel: 200 mm or more
- User interface: Full HD touch screen
- Hydraulic gripping of the upper and lower tool
- Controls via keyboard and mouse or via the touch screen
- Ability to program machine from office computers
- Software for managing all machine functions from office and from machine
- Front holding hands (2 pieces)
- CNC front extended holding arm with parking position (1 piece)
- Automatic shutdown of the machine in case of inactivity or automatic sleep mode after using

Employee training of 3 employees for 16 hours to use the 5-axis CNC sheet metal bending machine

- Employee training in Croatian language

Group 2. CNC laser cutting machine for sheet metal and tubes and employee training for using the CNC laser cutting machine for sheet metal and tubes

Specifications of the machine:

- Laser type – fiber laser
- Nominal laser power of 9 kW or more
- The work area must have at least the following dimensions:
    - X axis – 3000 mm (or more)
    - Y axis – 1500 mm (or more)
    - Z axis – 100 mm (or more)
- Maximum available weight of material that can be processed: 900 kg or more (lighter material than specified should also be possible to process)
- Maximum available axle speed:
    - X-axis speed 120 m/min or more
    - Y-axis speed 120 m/min or more
    - Simultaneous speed of X, Y axis 169 m/min or more
- Axis precision of poisitioning:
    - Positioning deviation: 0,06 mm or less
    - Positioning range accuracy: 0,09 mm or less
    - Minimum program increment: 0,001 mm or less
- Ability to cut steel with a thickness of 25 mm or more
- Ability to cut stainless steel with a thickness of 25 mm or more
- Ability to cut aluminum with a thickness of 25 mm or more
- Ability to cut brass with a thickness of 10 mm or more
- Ability to cut copper with a thickness of 10 mm or more
- Ability to cut titanium with a thickness of 10 mm or more
- Ability to cut perforations on square and rectangular pipes 100mm * 100 mm or more. The thinnest pipe wall that can be cut has a thickness of 1 mm (or less), and the thickest 4 mm (or more).
- Machnine and laser cooling (water/air)
- Work area illumination
- Automatic nozzle cleaning
- Acceptable ambient temperature for machine operation: from +5°C to 35°C
- Cutting head with automatic beam focus control and safety glass

- Color touch screen
- Automatic shutdown of the machine in case of inactivity or automatic sleep mode after using
- Remote access interface
- Adjustable beam width
- Protective light barriers around pallet changers
- Automatic pallet changer
- Particle and gas filtration, including filtration when cutting aluminum
- Automatic nozzle changer
- Precisione detection of working material position
- Software for path projections for collision avoidance
- Software for managing all machine functions from office and from machine
- Material feeder with a minimum of one pallet for filling 300 mm (or more) in height; and one pallet with 300 mm (or more) in height for disposing of cut parts for sheet metal of 3000 mm * 1500 mm or more. The thinnest sheet metal that can be loaded has a thickness of 0,4 mm (or less), and the thickest 25 mm (or more).

Employee training of 8 employees for 80 hours to use the CNC laser cutting machine for sheet metal and tubes

- Employee training in Croatian language

Group 3. CNC sheet metal punching machine and employee training for using the CNC sheet metal punching machine

Specifications of the machine:

- The work area should have at least the following dimensions:
  - X-axis 3000 mm or more
  - Y-axis 1500 mm or more
- Nominal punching force: 300 kN or more
- Simultaneous axis positioning speed 120 m/min or more
- Tool rotation speed 60 rpm or more
- Marking speed of 1800 beats per minute or more
- Bite rate of 800 beats per minute or more
- Number of punches for 25 mm gap between holes – 500 punches per minute or more
- Number of punches for 250 mm gap between holes – 200 punches per minute or more

- Pneumatic clamps: 3 or more pieces
- Electric servo motor for punching
- Number of turret tool stations: 20 or more
- Tool diameter 88 mm or more
- Indexed tools – number of stations for indexed tools in turret: 4 or more
- Maximum thickness of material that can be punctured 4 mm or more
- Maximum acceptable deviation of the hole position (X/Y axis): 0,1 mm
- Maximum acceptable tolerance between holes and openings (X/Y axis) - ±0,05 mm
- Maximum acceptable angular deviation: ±0,1°
- Positioning accuracy:
    - Position offset (X/Y axis) not more than 0,1 mm (±0,05 mm)
    - Position speading (X/Y axis) maximum 0,04 mm (±0,02 mm)
- Numerical adjustment of stroke depth, stroke length and frame speed
- Turret rotation speed of 30 r/min or more
- Tool change time 2,5 seconds or less
- USB and Ethernet transfer
- Convenient fully automated tool grinding and calibration machine with clamping head for straight and conical grinding of tools (connected with CNC puncher)
- Tool holders:
    - To form a thread
    - To take away scab
    - For bending from below
    - For sheet metal reinforcement
    - To form a threaded nipple
    - For threading device
    - Minimum 4 pieces for tool C
    - 16 or more pieces for adapter for tool holder B
    - 12 or more pieces for adapter for tool holder A
    - For threaded insert
    - For D station not indexed – 2 pieces
    - For tool B – 8 pieces
    - For tool A – 2 pieces
- Servo electrical puncture control
- Lifting metal waste conveyor
- System for automatic loading and sorting of workpieces into minimum 2 movable loading pallets and 2 loading pallets
- Skeletal unloading pallet
- Possibility of manual sheet metal insertion

- Foot switch for sheet clamping
- Control cabinet cooling
- Central lubrication
- Software for managing all machine functions from office and from machine
- Automatic shutdown of the machine in case of inactivity or automatic sleep mode after using
- Uninterruptible power supply system (UPS)

Employee training of 4 employees for 48 hours to use the CNC sheet metal punching machine

The Tenderer confirms that he offers the object / objects of procurement of the above mentioned technical specifications (**please circle**):

YES NO

By signing this document, the Tenderer confirms he will provide the subject of procurement in accordance with above stated technical specifications.

3. Tenderer:

- Authorized person of the tenderer:.....

4. General Information about the Tenderer:

- Tenderer company name: .....
- Residence address: .....
- OIB / identification / registration number:.....
- Account number (IBAN): ....., name of bank:.....
- Tenderer is in a VAT system (circle the answer):
  YES NO
- E-mail address: .....
- Contact person for Tenderer: .....
- Phone: .....

5. Tender Price (please write the price for the offered groups of procurement):

Group 1. 5-axis CNC sheet metal bending machine and employee training for using the 5-axis CNC sheet metal bending machine

Total Tender Price without VAT: ..... (in numbers)

Group 2. CNC laser cutting machine for sheet metal and tubes and employee training for using the CNC laser cutting machine for sheet metal and tubes

Total Tender Price without VAT: ..... (in numbers)

Group 3. CNC sheet metal punching machine and employee training for using the CNC sheet metal punching machine

Total Tender Price without VAT: ..... (in numbers)

6. Tender validity period (minimum 90 days).....

7. Warranty Period (in months – write for the offered groups of procurement):

- Group 1 - .....
- Group 2 - .....
- Group 3 - .....

8. Number of designation of the Tender[1]: .....

9. Subcontractors or a community of Tenderers (write YES or NO):

.....

In the event that our tender is accepted, we are ready to deliver the goods and services in the manner and under the conditions laid down in the tender documentation.

Date: .....
Tenderer:

_____

(name of person signing the Tender)

_____

(Signature and company seal/stamp)

[1] The Tenderer independently assigns the Tender number as desired according to his records. In case the Tender is accepted, the Procurer may call upon this number when making the payment.

Annex 2. Bid Sheet

Tenderer company name: .....

Residence address: .....

OIB / Identification / Registration Number: .....

Group 1. 5-axis CNC sheet metal bending machine and employee training for using the 5-axis CNC sheet metal bending machine - write the offered quality criteria:

NUMBER	CRITERIA FOR QUALITY EVALUATION	CRITERIA FOR EVALUATION	OFFERED VALUE
1	Bending power	1401 kN or more	
		1301 - 1400 kN	
2	Minimum usable opening height	601 mm or more	
		521-600 mm	
3	Y operating speed	23 mm/s or more	
		21 - 22 mm/s	
4	X-axis positioning speed	More than 1500 mm/s	
		1001 mm/s - 1500 mm/s	
		501 mm/s - 1000 mm/s	
5	Y axis travel	More than 400 mm	
		251 mm - 400 mm	
6	Z axis speed	1701 mm/s or more	
		1201 mm/s - 1700 mm/s	
7	CNC crowning	YES	
		NO	
8	CNC controllable lower tool displacement by x axis	YES	
		NO	
9	Automatic laser measurement and bending angle correction	YES	
		NO	
10.	Possibility of independent control of the R1 and R2 axis paths	YES	
		NO	
11.	2D manual code reader	YES	
		NO	
12.	Automatic sheet thickness control	YES	
		NO	
13.	Possibility of using the machine for people with disabilities	YES	
		NO	

- Machine price (without VAT) : _____
- Price of training (without VAT): _____.
- Total price for Group 1 (without VAT): _____
- VAT amount (if applicable): _____
- Total price (with VAT): _____

Group 2. CNC laser cutting machine for sheet metal and tubes and employee training for using the CNC laser cutting machine for sheet metal and tubes – write the offered quality criteria:

NUMBER	CRITERIA FOR QUALITY EVALUATION	CRITERIA FOR EVALUATION	OFFERED VALUE
1	Nominal laser power	10 kW or more	
		9 kW	
2	Maximum available speed of X,Y axis (simultaneous)	241 m/min or more	
		170-240 m/min	
3	Ability to cut steel with a thickness:	30 mm or more	
		26 - 29 mm	
4	Ability to cut stainless steel with a thickness:	30 mm or more	
		26 - 29 mm	
5	Ability to cut aluminum with a thickness:	30 mm or more	
		26 - 29 mm	
6	Abbility to cut brass with a thickness:	15 mm or more	
		11 - 14 mm	
7	Ability to cut copper with a thickness:	15 mm or more	
		11 - 14 mm	
8	Longitudinal waste conveyor below the working area	YES	
		NO	
9	Transverse conveyor in waste into container	YES	
		NO	
10	Cutting technoloy database for steel, stainless steel, aluminum, brass, copper and titanium	YES	
		NO	
11	Ability of microwelding	YES	
		NO	
12	Ability to cut different materials on the same pallet	YES	
		NO	
13	Flying cutting function for perforations	YES	
		NO	

14	Ability to cut with compressed air	YES	
		NO	
15	Possibility of automatic nozzle change during machine operation	YES	
		NO	
16	Possibility of using the machine for people with disabilities	YES	
		NO	

- Machine price (without VAT) : _____
- Price of training (without VAT): _____.
- Total price for Group 2 (without VAT): _____
- VAT amount (if applicable): _____
- Total price (with VAT): _____

Group 3. CNC sheet metal punching machine and employee training for using the CNC sheet metal punching machine – write the offered quality criteria:

NUMBER	CRITERIA FOR QUALITY EVALUATION	CRITERIA FOR EVALUATION	OFFERED VALUE
1	Tool rotation speed	More than 200 rpm	
		101-200 rpm	
		61-100 rpm	
2	Marking speed	2.201 beats per minute or more	
		2.001 - 2.200 beats per minute	
		1.801 - 2.000 beats per minute	
3	Bite rate	1.000 beats per minute or more	
		801 - 999 beats per minute	
4	Number of pneumatic clamps	4 or more	
		3 pieces	
5	Tool diameter	More than 91 mm	
		89 - 90 mm	
6	Indexed tools - number of stations in turret	9 or more stations	
		7-8 stations	
		5-6 stations	
7	Maximum thickness of material to be punctured	6 or more mm	
		More than 4 mm, less than 6 mm	

8	Sheet metal deformation sensors	YES	
		NO	
9	Vacuum conveyor for removal of debris	YES	
		NO	
10	Central brush lift	YES	
		NO	
11	Possibility of using the machine for people with disabilities	YES	
		NO	

- Machine price (without VAT) : _____
- Price of training (without VAT): _____.
- Total price for Group 3 (without VAT): _____
- VAT amount (if applicable): _____
- Total price (with VAT): _____

Date: .....

Tenderer:

_____

(name of person signing the Tender)

_____

(Signature and company seal/stamp)

Annex 3. Information on Tenderer Community

1. Procurer: Dekor tvornica rasvjete d.o.o., Ulica Ksavera Šandora Gjalskog 27/I, 49210 Zabok, Croatia

2. Object of Procurement (please circle offered groups of procurement):

- Group 1. 5-axis CNC sheet metal bending machine and employee training for using the 5-axis CNC sheet metal bending machine
- Group 2. CNC laser cutting machine for sheet metal and tubes and employee training for using the CNC laser cutting machine for sheet metal and tubes
- Group 3. CNC sheet metal punching machine and employee training for using the CNC sheet metal punching machine

3. General information about the community of tenderers:

a) Company name of a member of the community of tenderers: .....

- Residence address: .....
- OIB / Identification / Registration Number: .....
- Account number: .....
- The Tenderer is in a VAT system: YES NO
- Postal address: .....
- E-mail address: .....
- Contact person: .....
- Telephone number: .....
- Amount of the contract taken by member of community of tenderers: .....
- Part of the Tender taken by community member (write according to the Technical specifications from the Tender documentation, add rows as needed): .....

b) Company name of a member of the community of tenderers: .....

- Residence address: .....
- OIB / Identification / Registration Number: .....
- Account number: .....
- The Tenderer is in a VAT system: YES NO
- Postal address: .....
- E-mail address: .....

- Contact person: .....
- Telephone number: .....
- Amount of the contract taken by member of community of tenderers: .....
- Part of the Tender taken by community member (write according to the Technical specifications from the Tender documentation, add rows as needed): .....

Tenderer:

_____

(name of person signing the Tender)

_____

(Signature and company seal/stamp)

Annex 4. Information on subcontractors

1. Procurer: Dekor tvornica rasvjete d.o.o., Ulica Ksavera Šandora Gjalskog 27/I, 49210 Zabok, Croatia

2. Object of Procurement (please circle offered groups of procurement):

- Group 1. 5-axis CNC sheet metal bending machine and employee training for using the 5-axis CNC sheet metal bending machine
- Group 2. CNC laser cutting machine for sheet metal and tubes and employee training for using the CNC laser cutting machine for sheet metal and tubes
- Group 3. CNC sheet metal punching machine and employee training for using the CNC sheet metal punching machine

3. Tenderer:

- Company name: .....
- Residence address: .....

4. Information on subcontractors

- Company name: .....
- Residence address: .....
- OIB / identification / registration number: .....
- Account number: .....
- Amount of the contract taken by subcontractor: .....
- Part of the Tender taken by subcontractor (write according to the Technical specifications from the Tender documentation, add rows as needed): .....

Date .....

Tenderer:

_____

(name of person signing the Tender)

_____

(Signature and company seal/stamp)

Annex 5. Statement of Good Conduct

Company:

Name: _____

Address: _____

OIB / identification / registration number:_____

Authorized / responsible person:

Name: _____

OIB / identification / registration number:_____

Under material and criminal responsibility, we declare that we have not been convicted of criminal offenses described in detail in the Croatian Public Procurement Law (Zakon o javnoj nabavi, NN 120/2016, article 251), which are related to:

- participation in a criminal organization
- corruption
- fraud
- terrorism or crime
- money laundering or terrorist financing
- child labor or other forms of trafficking with human beings

In _____ (place), _____ (date).

_____

(Name of person signing the Tender)

_____

(Signature and company seal / stamp)

Annex 6. Statement of Business Continuity

Company:

Name: _____

Address: _____

OIB / identification / registration number:_____

Under penalty of perjury, we declare that our company is not a subject to bankruptcy proceedings or liquidation proceedings, nor are its affairs administered by the court, nor has it entered into an arrangement with creditors or suspended its business activities, nor is the subject of proceedings for these activities, nor is it in an analogous situation arising from a similar procedure provided in national legislation or regulations of the country in which we have established.

In _____ (place), _____ (date).

_____

(Name of person signing the Tender)

_____

(Signature and company seal / stamp)

Annex 7. Payment of Taxes Statement

Company:

Name: _____

Address: _____

OIB / identification / registration number:_____

Under penalty of perjury, we declare that we are fulfilling all the obligations related to tax payment in accordance with the legal provisions of the country in which we have residence.

In _____ (place), _____ (date).

_____

(Name of person signing the Tender)

_____

(Signature and company seal / stamp)

Annex 8. Conflict of Interest Absence Statement

Company:

Name: _____

Address: _____

OIB / identification / registration number:_____

Authorized / responsible person:

Name: _____

OIB / identification / registration number:_____

Under penalty of perjury, we declare that no responsible person within the company nor the company's owners nor the company itself are in a conflict of interest with the Procurer, with the Procurer's owners nor with any responsible person within the company of the Procurer. Conflict of interest means the procurement of goods or services from blood related relatives to the third knee, from relatives through marriage to the second knee, to the founders, owners and affiliated companies companies and persons.

The company Dekor tvornica rasvjete d.o.o. has the following affiliates with which we have no conflicts of interest:

- Stražaplastika d.d.
- Aquae Vivae d.d.

Individuals with whom we are not in conflict of interest are:

- Dragutin Plahutar OIB: 63241006260
- Karlo Plahutar OIB: 35827280985
- Martina Crljen OIB: 08679927818
- Mirjana Plahutar OIB: 48906485779
- Nevenka Varjačić OIB: 42015581508

- Valentina Salaj Ćetković OIB: 10696277903

In _____ (place), _____ (date).

_____
(Name of person signing the Tender)

_____
(Signature and company seal / stamp)

Annex 9. Statement of Qualification of a Person for Setup and Installation of Machine

Company:

Name: _____

Address: _____

OIB / identification / registration number:_____

Under penalty of perjury, we declare that we have at our disposal at least one person who will perform the setup and installation of the (please circle the offered group of procurement):

- Group 1. 5-axis CNC sheet metal bending machine and employee training for using the 5-axis CNC sheet metal bending machine
- Group 2. CNC laser cutting machine for sheet metal and tubes and employee training for using the CNC laser cutting machine for sheet metal and tubes
- Group 3. CNC sheet metal punching machine and employee training for using the CNC sheet metal punching machine

The person /persons at our disposal have the professional skills, knowledge and experience for the setup and installation of the machine.

In _____ (place), _____ (date).

_____

(Name of person signing the Tender)

_____

(Signature and company seal / stamp)

Annex 10. Statement of Professional Qualification to Conduct Training on the Use of the Machine

Company:

Name: _____

Address: _____

OIB / identification / registration number:_____

Under penalty of perjury, we declare that we have at our disposal at least one person who will perform the training in the use of the (please circle the offered group of procurement):

- Group 1. 5-axis CNC sheet metal bending machine and employee training for using the 5-axis CNC sheet metal bending machine
- Group 2. CNC laser cutting machine for sheet metal and tubes and employee training for using the CNC laser cutting machine for sheet metal and tubes
- Group 3. CNC sheet metal punching machine employee training for using the CNC sheet metal punching machine

The person /persons at our disposal have the professional skills, knowledge and experience to perform the specified training.

In _____ (place), _____ (date).

_____

(Name of person signing the Tender)

_____

(Signature and company seal / stamp)